



## Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

### HARVEST COMPLETE

Dry conditions prevailed this past week, allowing producers to complete harvest activities, according to the USDA, NASS, Minnesota Field Office. As of November 6, corn was 98 percent harvested, compared to 93 percent last year and 73 percent for the five-year average. The average moisture content of harvested corn was 14 percent. Sunflowers were 99 percent harvested, compared to 97 percent last year and 75 percent average. In addition to harvest activities, producers were completing fall tillage, applying fertilizer, and installing and upgrading drainage systems. Statewide, 6.7 days were rated suitable for fieldwork.

Temperatures across the state were nearly 5° above normal for the week, and rain was minimal. Central and south central areas recorded no precipitation, while southeast areas recorded the highest weekly precipitation of 0.08 inch. Due to prolonged precipitation shortfalls, areas in the northeast, as well as most of southern Minnesota, were classified as undergoing moderate to severe drought by the U.S. Drought Monitor. Topsoil moisture supplies were rated 28 percent very short, 43 percent short, and 29 percent adequate, a decline from the previous week. Subsoil moisture supplies were rated 14 percent very short, 49 percent short, and 37 percent adequate.

Pasture and range condition was rated 19 percent very poor, 21 percent poor, 33 percent fair, 25 percent good, and 2 percent excellent.

#### Days Suitable for Fieldwork: 6.7

	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	28	43	29	0
Subsoil Moisture	14	49	37	0

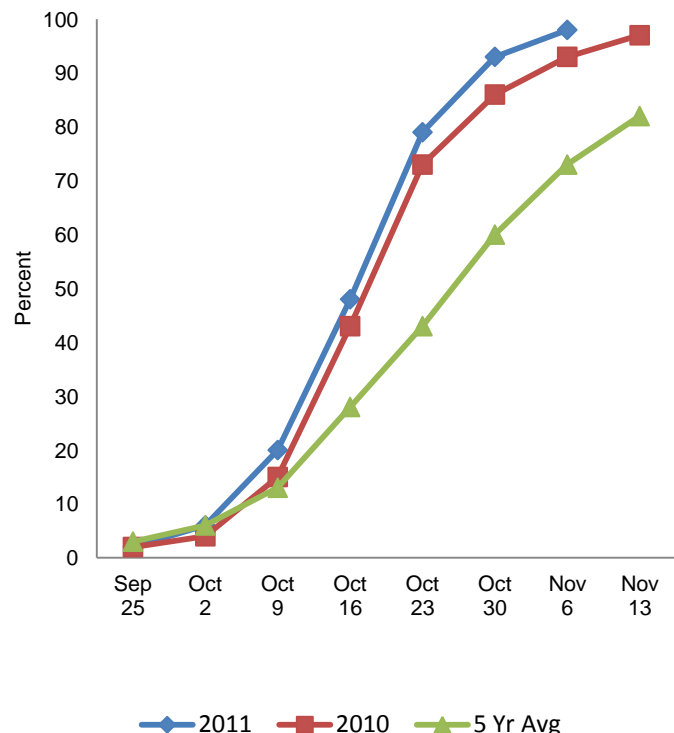
#### Crop Progress as of November 6, 2011

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Harvested	98	93	93	73
	Moisture Content	14	14	14	19
Sunflowers	Harvested	99	90	97	75

#### Condition as of November 6, 2011

	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	19	21	33	25	2

Corn Harvested



The following links provides further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:

<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:

<http://www.nws.noaa.gov/view/states.php?state=MN>

This issue of the Weekly Crop Weather Report is the last for the 2011 growing season. We will not issue a monthly report from this office. We will begin publishing this weekly report in April when spring field activities begin.

We would like to thank all of the individuals who reported their local crop conditions and crop progress this season. Their efforts made this weekly publication possible. We would also like to thank the Minnesota Climatology Working Group for providing data on temperature, precipitation, and growing degree days.

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING November 6, 2011:  
Temperatures averaged from 1.6 degrees above normal in the South Central District to 8.8 degrees above normal in the Northwest District. Extremes: 14 degrees in Hibbing; 67 degrees in Preston. Average precipitation ranged from 0.54 inch below normal in the South Central District to 0.30 inch below normal in the Northwest District. Greatest weekly total of 0.21 inch was recorded in Winona.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;  
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 10/31/2011 through 11/6/2011

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1
<u>NW DIST 1</u>								
Crookston	58	23	41.4	8.2	0	-.31	-.91	-3.56
Itasca	54	17	38.7	7.1	.09	-.35	-1.58	-2.24
Moorhead	59	23	44.5	9.8	.07	-.27	-.94	3.26
Warroad	57	25	41.8	9.9	0	-.33	.03	-.68
<u>NC DIST 2</u>								
Grand Rapids	54	19	39.8	5.6	.03	-.45	-1.15	-.03
Intl. Falls	56	15	38.5	6.5	.02	-.35	-.57	-3.26
<u>NE DIST 3</u>								
Duluth	54	26	42.2	7.5	.05	-.47	-.67	-1.70
Grand Marais	53	25	42.4	5.1	.04	-.45	-.89	-4.45m
Hibbing	54	14	37.5	4.9	.04	-.37	-1.31	-6.18
<u>WC DIST 4</u>								
Alexandria	55	23	40.4	5.1	.03	-.35	-1.12	3.90
Browns Valley	63	17	40.8	3.9	.02	-.33	-.80	.78
Canby	60	27	43.4	4.2	0	-.45	-1.49	-1.99
Montevideo	59	19	41.2	3.9	0	-.41	-1.06	-.05
Morris	56	20	39.5	3.4	.02	-.38	-1.23	-.18
Wheaton	59	24	41.7	5.5	.05	-.30	-.76	2.57
<u>CENT DIST 5</u>								
Becker	59	29	46.6	9.9	0	-.49	-1.21	1.91
Collegeville	60	20	44.2	5.7	0	-.48	-1.49	5.07
Hutchinson	60	24	43.2	5.5	.02	-.42	-1.28	3.77m
Melrose	58	23	40.6	4.3	.01	-.44	-1.57	.00
Olivia	60	19	41.2	4.1	0	-.38	-1.11	-2.21
St. Cloud	60	21	41.8	6.0	0	-.44	-1.30	1.23
Wadena	55	22	39.7	5.9	0	-.47	-1.51	-8.01m
Willmar	57	19	40.2	3.6	0	-.43	-1.53	2.34
<u>EC DIST 6</u>								
Aitkin	56	21	39.4	4.3	0	-.51	-1.05	1.42
Forest Lake	60	25	43.8	5.4	.14	-.39	-1.22	-2.16
Hinckley	M	M	M	M	0m	-.56m	-1.64m	-2.51m
MSP Airport	57	28	45.3	6.0	0	-.49	-1.20	-1.76
St. Paul - UofM	57	27	42.2	2.7	0	-.55	-1.41	2.87
<u>SW DIST 7</u>								
Lamberton	61	18	41.0	2.8	0	-.39	-1.43	-.92
Marshall	61	24	42.8	4.6	0	-.43	-1.49	-3.04
Pipestone	58	15	39.2	2.3	0	-.43	-1.29	2.76
Redwood Falls	61	21	42.6	3.3	.01	-.41	-1.32	-4.24
Worthington	58	21	40.4	3.4	.06	-.38	-1.27	2.16
<u>SC DIST 8</u>								
Faribault	M	M	M	M	M	M	M	-7.89m
North Mankato	57	25	41.0	1.6	0	-.53	-1.36	-5.34
Waseca	53m	25m	39.9m	1.6m	0	-.58	-1.80	-3.36
Winnebago	59	20	41.3	1.8	0	-.51	-1.76	-4.34
<u>SE DIST 9</u>								
Preston	67	17	42.6	3.5	.08	-.44	-1.38	-5.69
Red Wing	57	23	43.0	4.0	0	-.45	-.63	-2.13
Rochester	64	21	43.8	5.9	.03	-.47	-1.62	-4.15
Rosemount	57	24	42.0	3.7	.01	-.57	-1.61	-.43
Winona	62	27	44.8	4.6	.21	-.31	-.67	.13

m=some data missing

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